U.S. Army Corps of Engineers Headquarters Overview

U.S. Energy Association – Central Asia Delegation Visit

Portland, Oregon

Jan 2013

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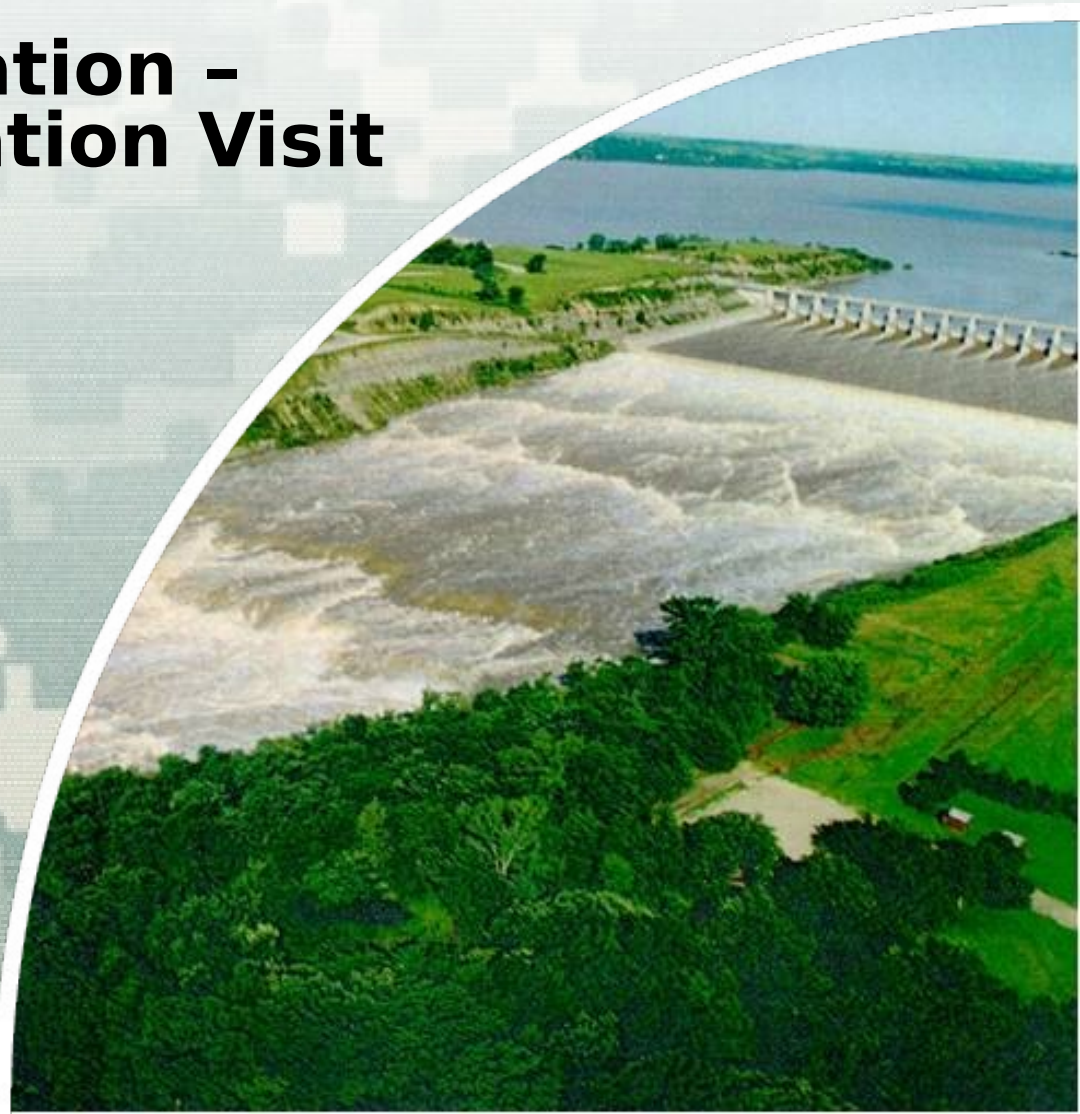
Chief, Columbia Basin Water Management
U.S. Army Corps of Engineers



US Army Corps of Engineers
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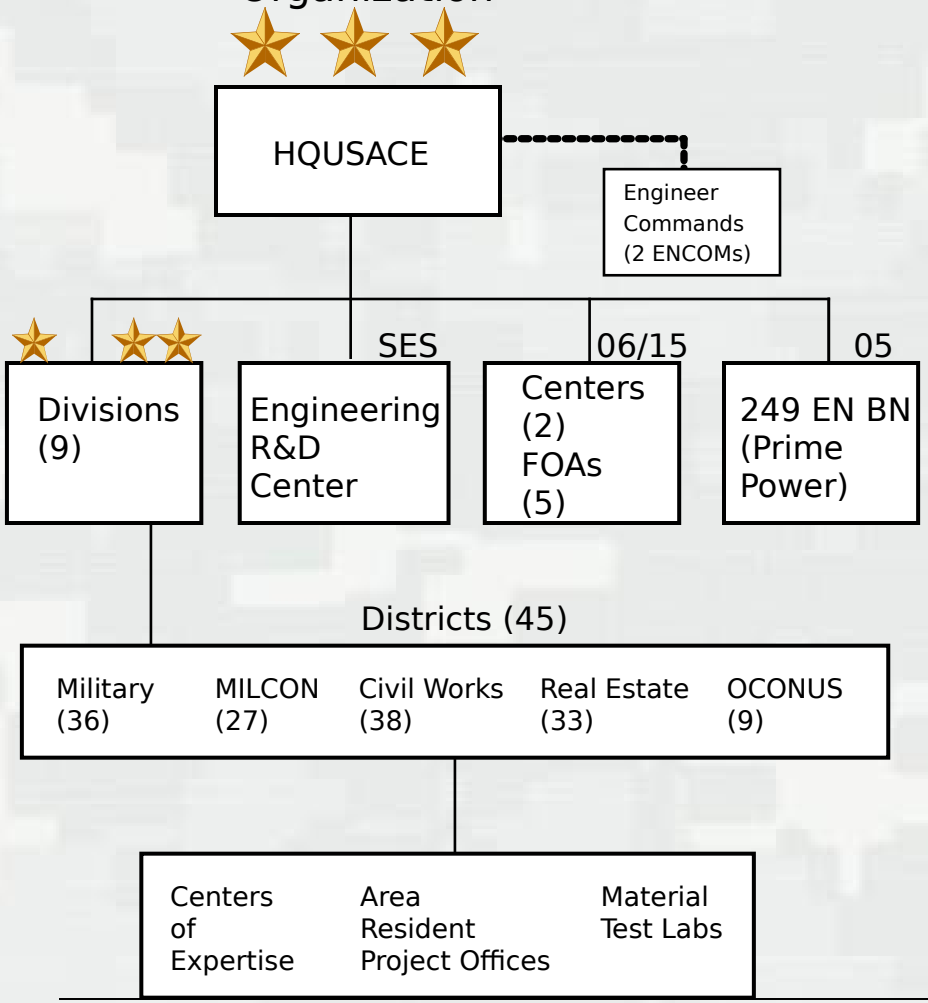
PRESENTATION OUTLINE

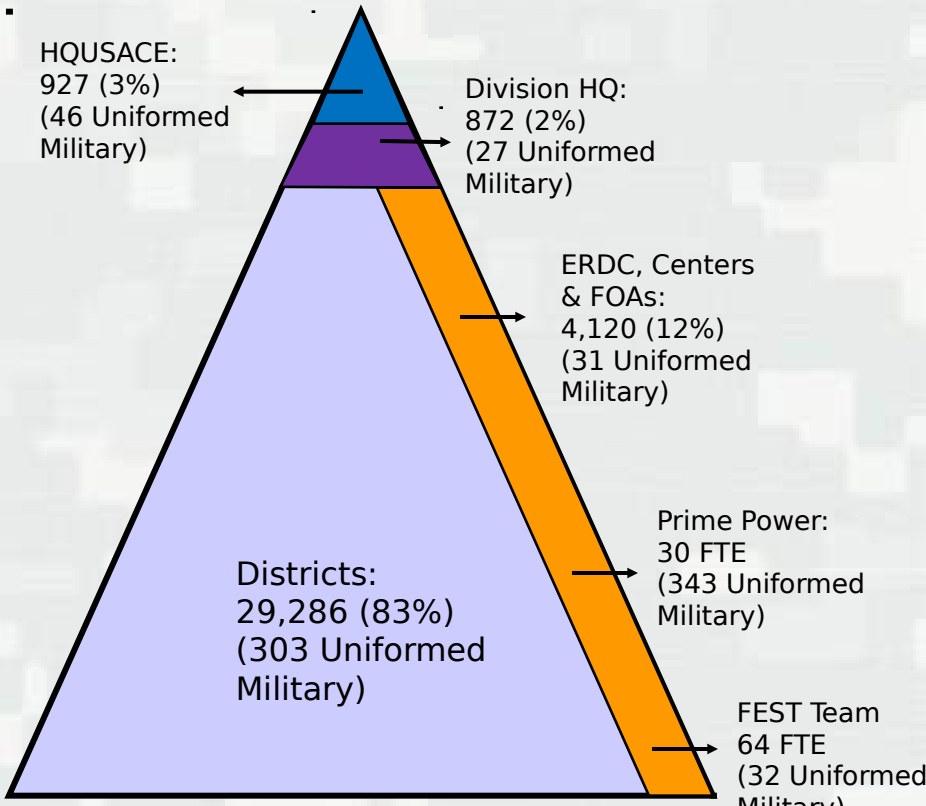
- Organization Overview
- International Water Resource Activities
- Questions

What is USACE? (FY12 Data)

USACE Organization



Distribution Civilian FTE/Uniformed End Strength (ES)


HQUSACE: 927 (3%) (46 Uniformed Military)
Division HQ: 872 (2%) (27 Uniformed Military)
ERDC, Centers & FOAs: 4,120 (12%) (31 Uniformed Military)
Prime Power: 30 FTE (343 Uniformed Military)
FEST Team 64 FTE (32 Uniformed Military)
Districts: 29,286 (83%) (303 Uniformed Military)

Civilians: 35,299 FTE Allocated

Uniformed: 782 Authorized (Officer/Enlisted)

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Data as of Nov 11 FOAs=HECSA,IWR,MDC,UFC,ULA OPCON to USACE when not deployed Full-Time Equivalent (FTE)

Support to the Army and the Nation
USACE Mission Areas

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Military Programs

- MILCON for Modular Force Global Positioning
- BRAC 05
- Field Force Engineering
- MILCON Transformation
- Environmental Restoration

Real Estate

- DOD Recruiting Facilities
- Contingency Operations
- Acquire, Manage and Dispose

Homeland Security

- Critical Infrastructure
- Anti Terrorism Plans
- Intelligence
- Facility Security Partnership

Interagency Support

- Federal
- State
- Local
- International

Research &

- Warfighter
- Installations
- Environment
- Water Resources

Civil Works

- Navigation, Hydropower
- Flood Control, Shore Protection
- Water Supply, Regulatory
- Recreation, Disaster Response
- Environmental Restoration

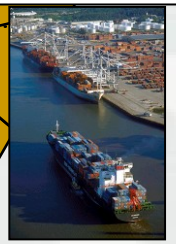
USACE Contributions to the Economy and the Environment

Recreation areas
368 M Visitors/yr
Generate $15B in economic activity,
500,000 jobs

¼ of Nation's Hydropower:
$500M + in power sales

12,000 miles of Commercial Inland Waterways:
½ the cost of rail
1/10 the cost of trucks

926 Shallow & Deep Draft Harbors



#1 Federal Provider
Of Outdoor Recreation
54,730 Miles Of Shoreline
at USACE Lakes

Stewardship of
11.7 Million Acres
Public Lands

8,500 Miles of Levees

137 Major Environmental Restoration Projects

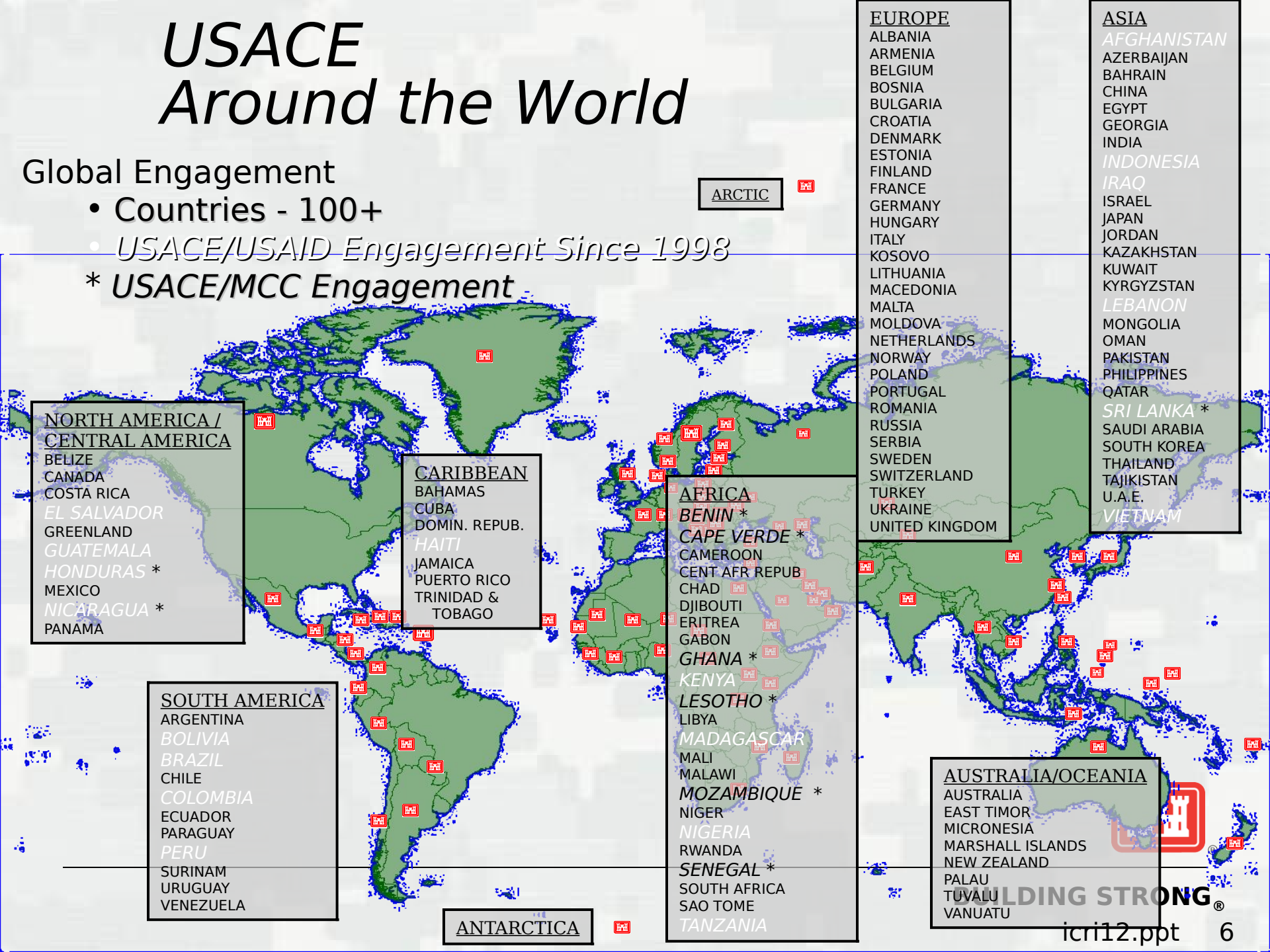
US Ports & Waterways Convey > 2B Tons Commerce
Corps Maintained Ports Provide Strategic Deployment Capability
Foreign Trade Through Harbors Creates > $850M Tax Revenues

USACE Around the World

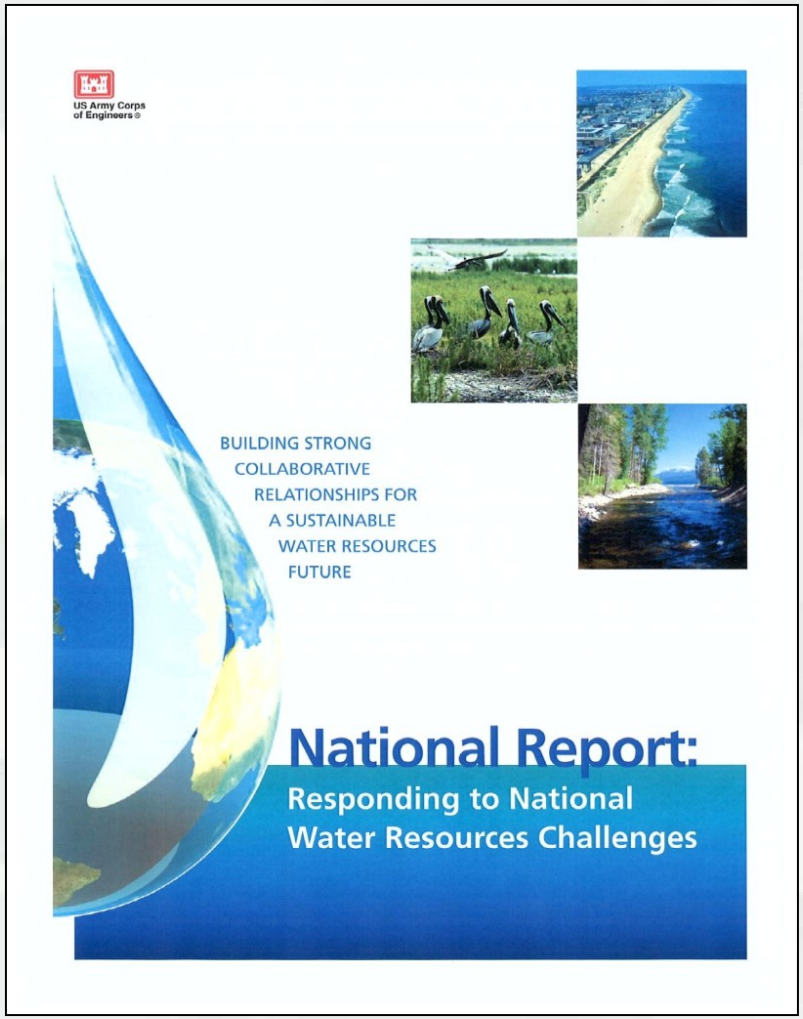
Global Engagement

- Countries - 100+
- USACE/USAID Engagement Since 1998

* USACE/MCC Engagement



Approach to a More Sustainable Water Future

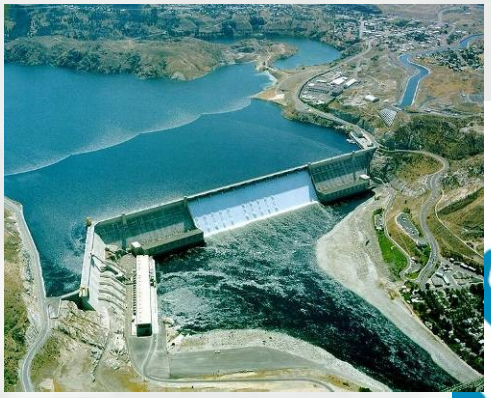


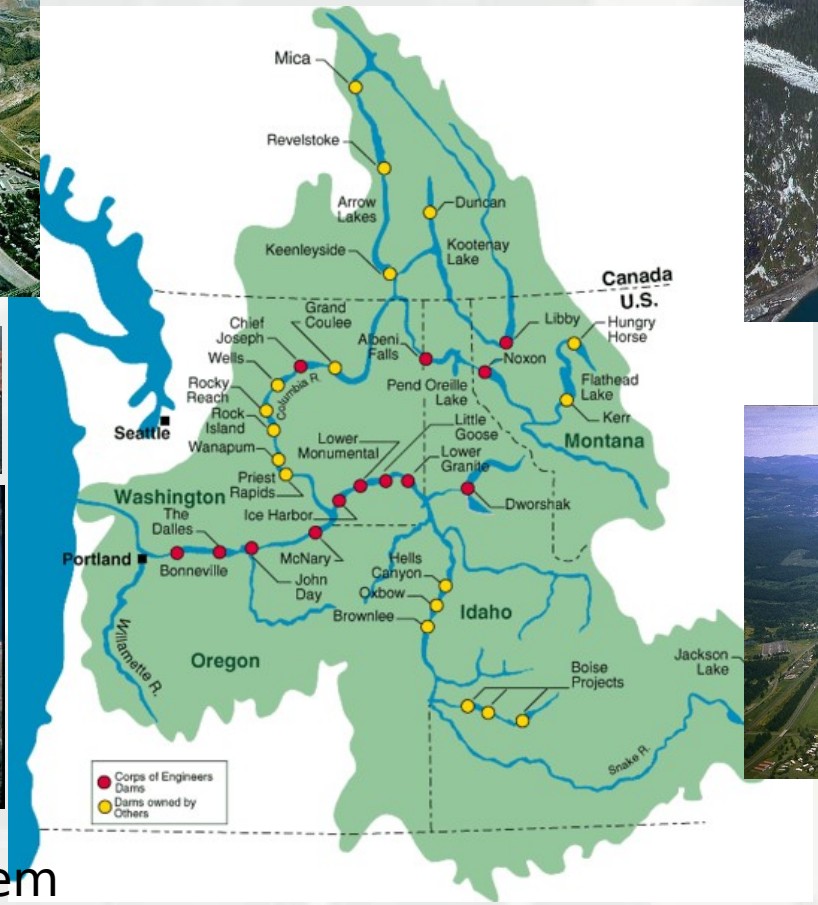
1) **Integrated Water Resources Management**
2) **Governance and Management**
3) **Future National Water Resources Direction**
4) **Collaboration**
5) **Water Resources Investment Strategies**
6) **Managing Extreme Events**
7) **Knowledge & Technology Transfer**
8) **Water Resources Leadership**
9) **Communications and Education**

INTERNATIONAL WATER RESOURCE ACTIVITIES

- USACE involved in wide range of international water resource activities
- Examples include:
  - Columbia River Treaty
  - Numerous Boards of Control Under International Joint Commission (IJC)

Columbia River Treaty





Columbia River System

Senior USACE officials on Treaty Permanent Engineering Board and PEBCOM

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Columbia River Treaty Organization

U.S. Entity

- Corps of Engineers
- BPA

Canadian Entities

- BC Hydro
- BC Provincial Government

* created by Treaty or governments, ** created by Entities, *** created by PEB

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INTERNATIONAL JOINT COMMISSION BOARDS OF CONTROL

- 1909 Boundary Waters Treaty established International Joint Commission (IJC)
- IJC established over 20 boards with members from U.S. and Canada
- Examples include:
  - International Kootenay Lake Board of Control
  - International Osoyoos Lake Board of Control
  - International Lake Superior Board of Control

INTERNATIONAL JOINT COMMISSION RECENT ACTIVITIES

- Great Lakes Water Quality Agreement
- Upper Great Lakes Water Level Study
- New approaches to managing levels and flows in Lake Ontario – St. Lawrence River
- Lake of the Woods – Rainy River Watershed Report

Questions?